

IMPEDANCE STANDARD SUBSTRATE AND METHOD FOR CALIBRATING VECTOR NETWORK ANALYZER

ABSTRACT

6 An impedance standard substrate for calibrating a vector network analyzer comprises a first surface and a second surface opposite to the first surface. A thru-circuit has two contacts electrically connected to each other. The two contacts are disposed on the first surface and the second surface, respectively. The impedance standard substrate further comprises a pair of open-circuits, a pair of short-circuits, and a pair of load-circuits disposed on the first surface and the second surface, respectively.